

Prepared (also subject responsible if other) Denis Lalonde		No. TA8AKRY901432-1		
Approved	Checked	Date Dec. 14, 2021	Rev A	Reference

Federal Communications Commission  
Authorization & Evaluation Division  
7435 Oakland Mills Road  
Columbia, Maryland 21046  
Attention: Equipment Authorization Branch

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KT12 2TD, UK

December 14, 2021

## **Subject: Class 2 Permissive Change for FCC ID: TA8AKRY901432-1**

To Whom It May Concern:

Ericsson AB requests a Class 2 Permissive Change for the above-mentioned FCC Identifier.

No changes have been done to the product hardware. The reason for the C2PC is to introduce the new NR30 operating bandwidth to the FCC grant.

This Radio Unit (Dot 4479) is designed for use in LTE and NR cellular telephone system. The TDD transmitter and receiver will operate from 2515-2675 MHz. It supports channel bandwidths of 5, 10, 15, and 20 MHz for LTE. It also supports channel bandwidths of 20, 30, 40, 50, 60, 70, 80, 90, and 100 MHz for NR. The Radio Unit (RU) supports modulation types QPSK, 16QAM, 64QAM and 256QAM. The Radio Unit operates in the BRS/EBS band as per 47 CFR Part 27. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE cellular systems.

The Radio Unit has the ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beam-forming technologies for LTE.

The Radio Unit will in normal mode operate at a nominal power output of 250 mW per port at the output connectors (4 connectors with up to 250 mW in each port connected to built-in antennas).

This Radio Unit (Dot 4479) will always require a license for transmission.

The Exhibit 8 user manuals submitted with this application are generic and may cover multiple products.

This application is only valid for the model specified in the Exhibit 12 circuit description.

Ericsson AB requests confidentiality under CFR 0.459 according to attached letter. We further certify that the applicant nor any party to the application is subject to a denial of Federal benefits, that includes FCC benefits, pursuant to section 5301 of the Anti-Drug abuse Act of 1988, 21 U.S.C. Section 862.

If additional information is needed, please contact me on the below listed number.

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